

FIG._1C

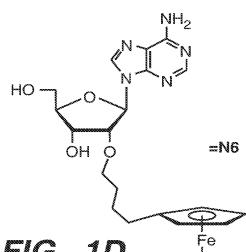


FIG._ 1D

FIG. 1F

OH

=C23

FIG...1E

FIG._1G

FIG... 11

FIG._1J

FIG._ 11/1

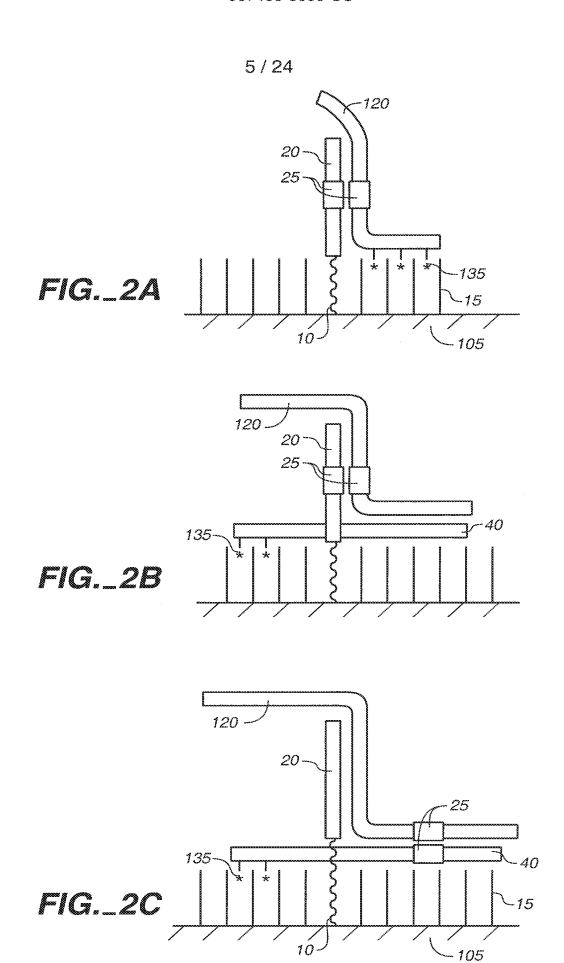
FIG._1N

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FIG._1P

FIG._ 1Q

FIG._1R



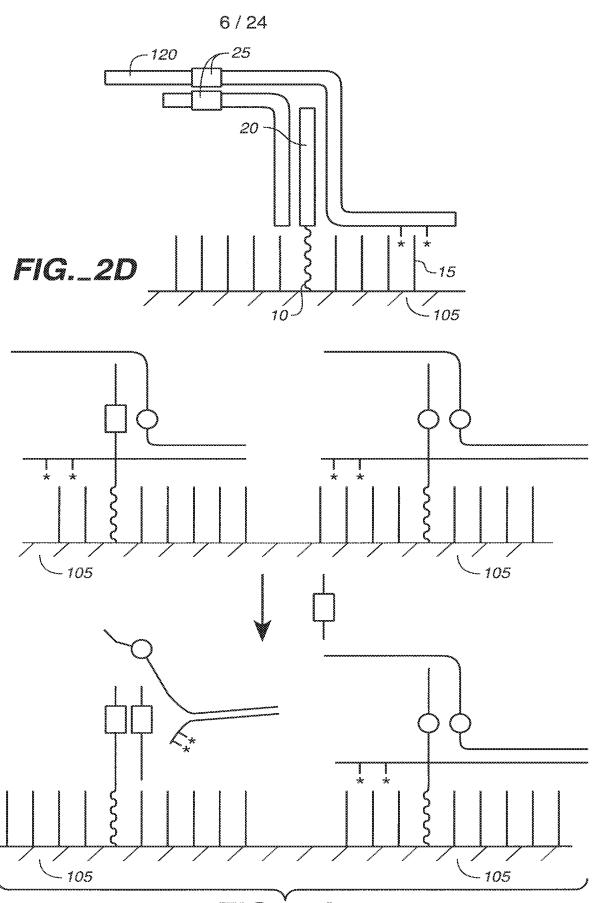
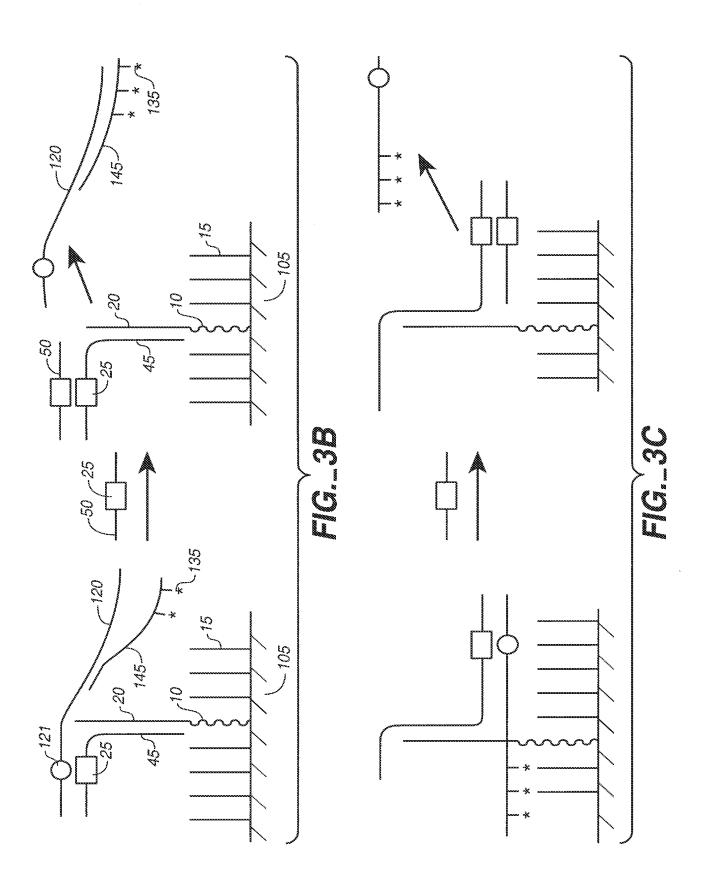
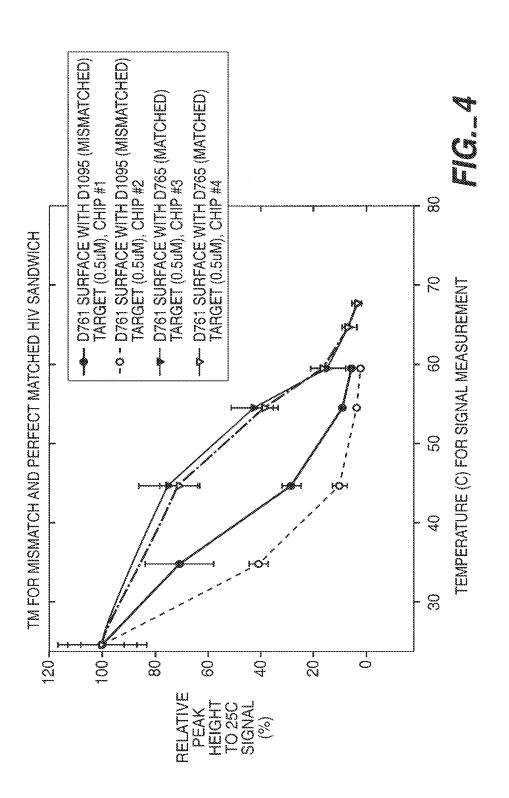


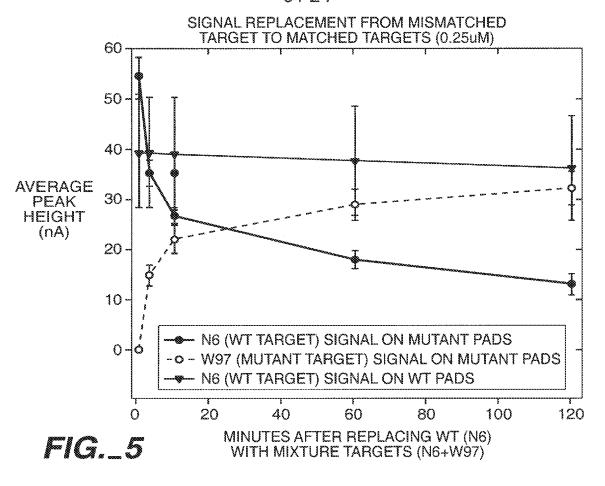
FIG. 3A

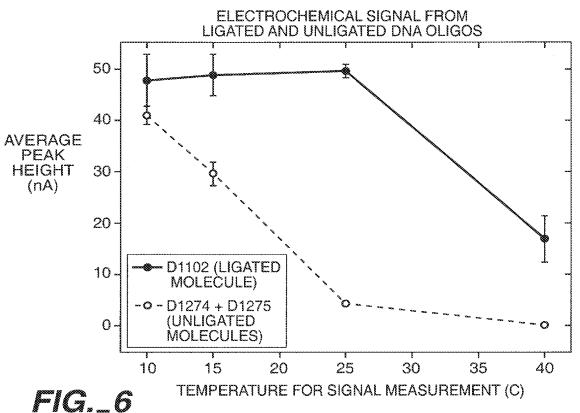
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REPLACEMENT SHEETS 067456-5030-US

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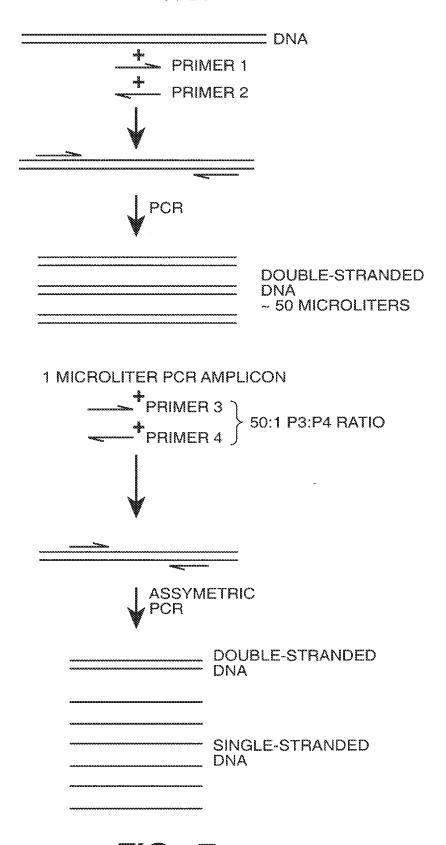


FIG... 7

$$\begin{array}{c} S - (CH_2)_{7_16} (OCH_2CH_2)_{0_7} OH \\ & R_1 \\ S - (CH_2)_{0_4} C - R_2 \\ & R_4 \end{array}$$

 $\mathbf{R_1}$, $\mathbf{R_2}$, \mathbf{AND} $\mathbf{R_3}$: H, $\mathbf{CH_3}$, t-BUTYL, CYCLOALKYL, $\mathbf{CH_2OH}$, $\mathbf{CH_2NH_2}$, \mathbf{COOH} , $\mathbf{CH_2OPO_3}^{2^-}$, AROMATIC, ADAMANTYL

FIG. BA

FIG._8C

M44, CT99, CT105 FOR 8Fc (D772) SYSTEM

CHIPS

WITH SIGNAL / BACKGROUND RATIO 6.00E-07 -593 / 1 5.00E-07 -POSITIVE 851 / 1 III NEGATIVE 4.00E-07 -AVG. IP AT 1000 Hz 3.00E-07 -308 / 12.00E-07 -1.00E-07 -0.00E + 00 -M44 **CT99** CT105

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14/24 **METHOD A** BH₃/THF ∠ OH 8r $\mathrm{CH_{3}COSNa}$ CH₃OH DMTCI / DMPA ∠ ODMT K136 NaOH / DIOXANE ∠ ODMT - ODMT HS-✓ ODMT N133 ∠ ODMT N140 HO-ODMT N150

FIG. ... 9D-1



METHOD B

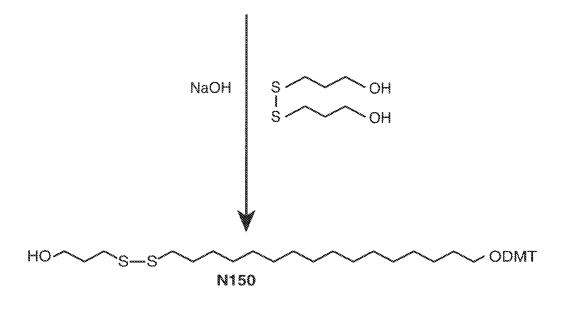


FIG. ... 9D-2

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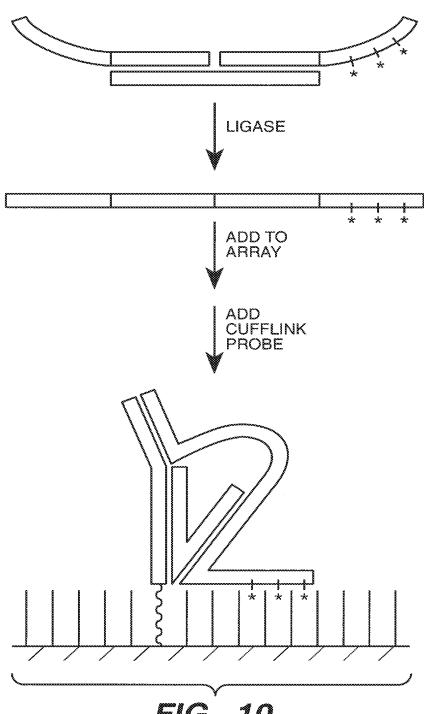
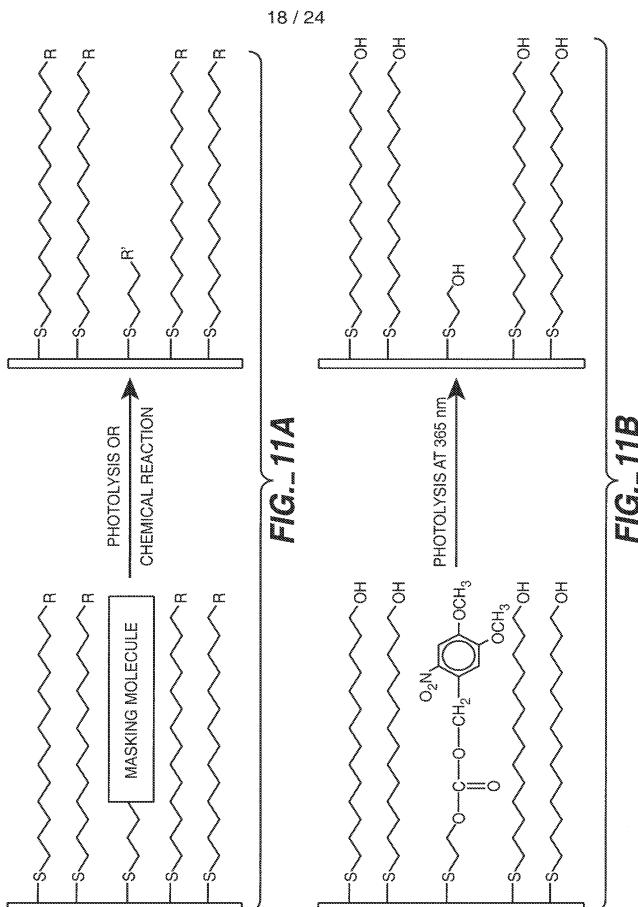
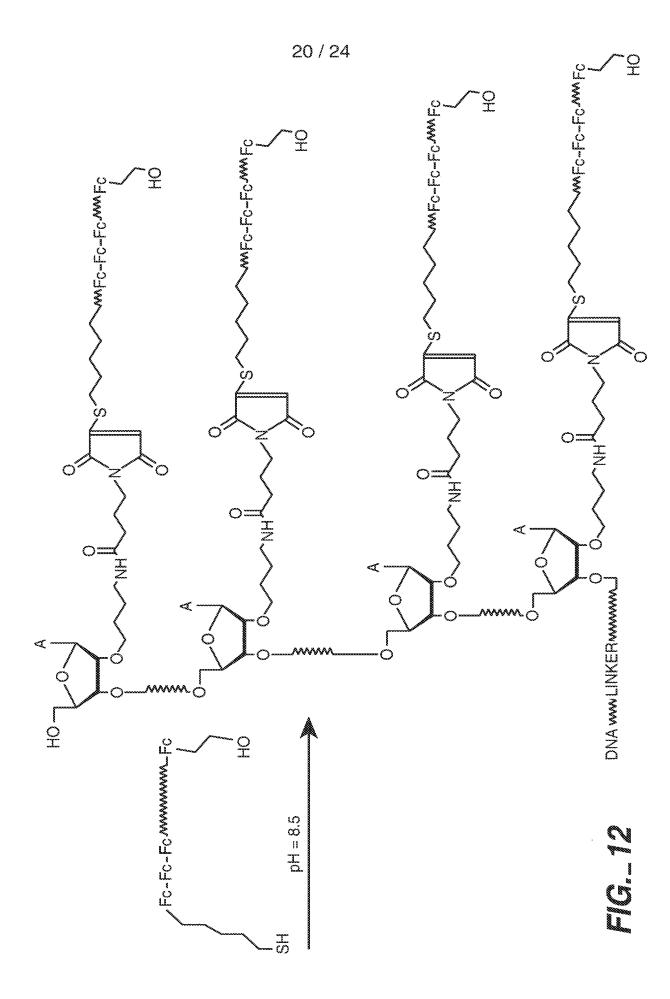


FIG._ 10





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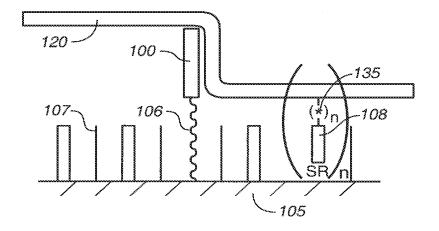


FIG._13A

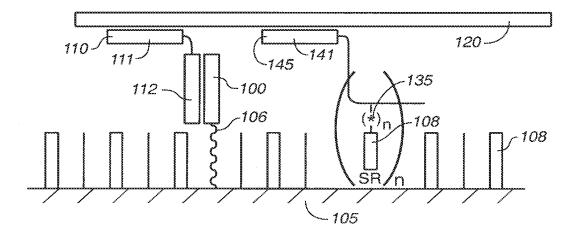
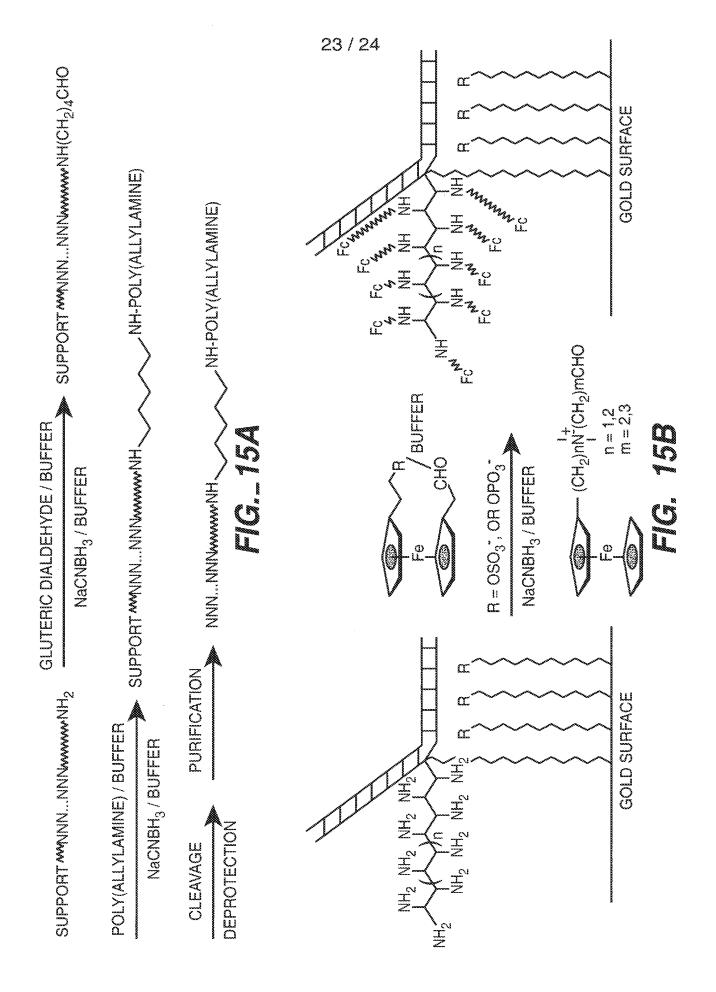
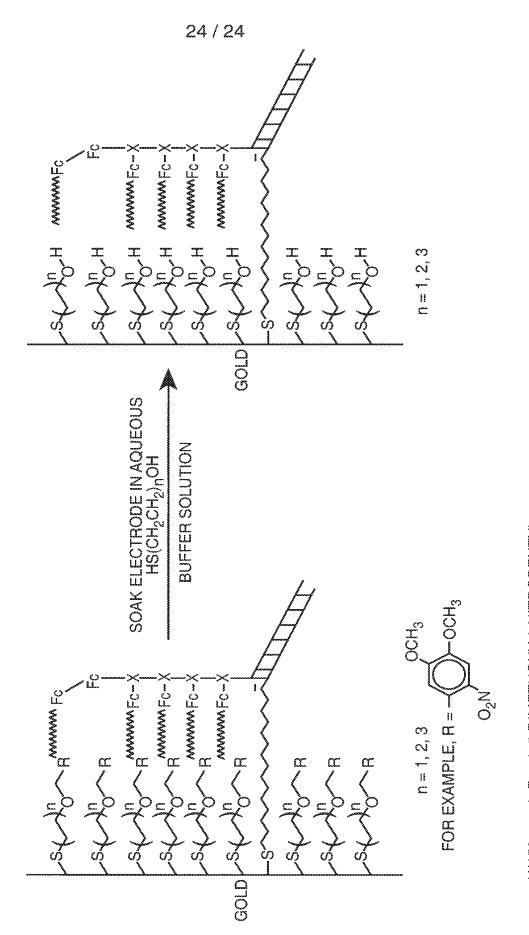


FIG._13B

FIG._14





W150, n = 1, R = 4, 5-DIMETHOXY-2-NITROBENZYL C163, n = 2, R = 4, 5-DIMETHOXY-2-NITROBENZYL W155, n = 3, R = 4, 5-DIMETHOXY-2-NITROBENZYL